

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1135	703/2.ccor.	US-PGPUB; USPAT	OR	ON	2006/08/04 18:20
S2	112	703/9.ccor.	US-PGPUB; USPAT	OR	ON	2006/08/01 17:23
S3	352	703/6.ccor.	US-PGPUB; USPAT	OR	ON	2006/08/01 17:23
S4	71	703/5.ccor.	US-PGPUB; USPAT	OR	ON	2006/08/01 17:23
S5	5972	flow near4 vector	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:29
S6	181	S5 and depression	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:22
S7	47	S6 and elevation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:25
S8	28	S7 and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:26
S9	22	S8 and @ad<="20030827"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:55
S11	1051	topaz	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:33
S12	53	S11 and elevation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:34
S13	3	S12 and depression	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 18:35
S14	708	(flow near4 vector) and elevation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:30
S15	234	S14 and peak	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:31
S16	188	S15 and path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:31
S17	97	S16 and slope	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:31
S18	38	S17 and array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:33

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S19	8	S18 and downstream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/04 19:33
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		Results
9.	((((pub-date > 1959 and pub-date < 2004 and FULL-TEXT(flow vector)) and elevation) and peak) and path) and slope) and cell [All Sources(- All Sciences -)]	12
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#2	((flow vector<and>elevation)) <and> (pyr >= 1951 <and> pyr <= 2003)	18
#3	((flow<and>vector<and>elevation)) <and> (pyr >= 1951 <and> pyr <= 2003)	1134
#4	((flow<and>vector<and>elevation)<and>depression) <and> (pyr >= 1951 <and> pyr <= 2003)	62
#5	((flow<and>vector<and>elevation)<and>depression<and>cell) <and> (pyr >= 1951 <and> pyr <= 2003)	24
#6	((flow<and>vector<and>elevation)<and>peak<and>path) <and> (pyr >= 1951 <and> pyr <= 2003)	300
#7	((flow<and>vector<and>elevation) <and> peak<and>path<and>slope) <and> (pyr >= 1951 <and> pyr <= 2003)	101
#8	((flow<and>vector<and>elevation) <and> peak<and>path<and>slope<and>cell) <and> (pyr >= 1951 <and> pyr <= 2003)	61
#9	((flow<and>vector<and>elevation) <and> peak<and>path<and>slope<and>cell<and>array) <and> (pyr >= 1951 <and> pyr <= 2003)	46
#10	((flow<and>vector<and>elevation) <and> peak<and>path<and>slope<and>cell<and>array<and>downstream) <and> (pyr >= 1951 <and> pyr <= 2003)	6



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[Linear Combinations of Optic Flow Vectors for Estimating.. - Franz, Chahl](#) (Correct)

Linear Combinations of Optic **Flow Vectors** for Estimating Self-Motion -a Real-World Test around an axis at an azimuth of about 30 #and an **elevation** of about 15 after [1]optimization variation is particularly small at very low **elevations** (Fig. 3b)3) The office environment also books.nips.cc/papers/files/nips15/VS10.ps.gz

[ContinentalShkq - Research Lateral Dynamic](#) (Correct)

angle between th positive x-axis and th local **flow vector**)With tht chth of coordinate systemthte is, differing inletwidth andlengthl Circulation and **elevation** fields obtained from fully nonlinear 2)In Sections 3 and 4, we use th velocity and **elevation** fields fromth models to compute term by term cirp.wes.army.mil/cirp/./pubs/pdf/Hench\_et\_al\_CSR\_02.pdf

[Modeling of a very shallow Water Body - Hinkelmann, Stuckrad](#) (Correct)

still remain some open questions concerning the **flow vectors**. The model was used for several engineering model has been used to simulate surface **elevation**, flow processes and salinity distributions three in-situ instruments for continuous surface **elevation**, velocity and salinity measurements were used. pc42.hydromech.uni-hannover.de/Berichte/./Mitarbeiter/HINKELMANN/paiche95.ps.gz

[Environmental Research Brief - Epa May Haitjema](#) (Correct)

to many calculations to arrive at the head or **flow vector** at a point in the aquifer. The computational head) minus the hydraulic conductivity times the **elevation** of the point where the potential is evaluated. www.epa.gov/ada/download/briefs/epa\_600\_s00\_001.pdf

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January 1995 **Proceedings of the third ACM international conference on Multimedia**

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P Soille, J Vogt, R Colombo - Water Resources Research, 2003 - [landresources.montana.edu](#)

... proportionally to the angle between the **flow vector** and the ... a breaching algorithm whereby the **elevation** of one or ... at the outlet of the **depression** are lowered ...

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Tutorials - group of 2 »

W Version - CST Computer Simulation Technology, Darmstadt, Germany, Jan, 2001 - [watershedconcepts.com](#)

... Digital **Elevation Models**. Each TIN setting describes the sampling **cell** sizes used to build **elevation** models. The **cell** sizes for ...

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CFD for Predicting Shear Stress in a Curved Trapezoidal Channel

D Gessler, RN Meroney - [engr.colostate.edu](#)

... instrument to amoderatemisalignment with the local **flow vector** was investigated. ... epsilon model shows a **depression** in the water surface **elevation** on the ...

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Asatao maa sadgamaya. tmasaao maa jyaaoit-gamaya.. maR% yau-maa AmaRtMgamaya.! SaaMit SaaMit SaaMit. ...

AMS Gamaya - 2005 - [library.usask.ca](#)

... every drainage **cell** with no identifying label assigned. ... on incremental tolerance of **elevation** and distance ... **Depression** filling algorithms were presented by Mark ...

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HIVEL 2D v2. 0 - group of 3 »

U Manual - [hydrosoft.co.kr](#)

...  $\rho$  = fluid density  $z_0$  = channel invert **elevation**  $n$  = Manning's roughness coefficient

$C_0$  = dimensional constant ( $C_0 = 1$  for SI units and  $C_0 = 1.486$  ...)

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[book] Gis for Water Resources and Watershed Management

J Lyon, LG Lyon - 2003 - [books.google.com](#)

... Chapter 2 Assessing the Performance of Automated Watershed Segmentation from Digital **Elevation Models** 17 Jurgen Garbrecht and Lawrence W. Martz ...

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Flow-induced effects of macrozoobenthic structures on the near-bed sediment transport - group of 5 »

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... (2001)....54 Fig. 4.2: Flow distribution across a pit-like **depression**.....55 Fig. ...

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"A Theory for Strong Long-Lived Squall Lines" Revisited - group of 7 »

ML Weisman, R Rotunno - Journal of the Atmospheric Sciences - [ams.allenpress.com](#)

... The cloud model simulations show that the **cell**-triggering lifting at the ... the steady outflow from the reservoir is accompanied by a **depression** wave traveling ...

Cited by 9 - [Web Search](#) - [BL Direct](#)

METHODOLOGIES FOR WATERSHED MODELING WITH GIS AND DEMS FOR THE PARAMETERIZATION OF THE WEPP MODEL - group of 2 »

TA Cochrane - 1999 - [agteca.com](#)

... in a GIS is usually represented by a digital **elevation** model (DEM). The most common type of DEM is grid-based, where each grid point is represented by a **cell** ...

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Spatial characteristics of groundwater temperature in the Ishikari Lowland, Hokkaido, northern Japan ... - group of 4 »

J Dim, Y Sakura, H Fukami, A Miyakoshi - Hydrogeology Journal, 2002 - Springer

Page 1. Hydrogeology Journal (2002) 10:296–306 DOI 10.1007/s10040-002-0190-

z Abstract In porous sediments of the Ishikari Lowland ...

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[book] Spatial Vision in Humans and Robots - group of 2 »

L Harris, M Jenkin - 1994 - [books.google.com](#)

... oxidase (CO) technique with single **cell** recording to demonstrate how functional properties differ for neurons within and between ... psychophysics with single **cell** ...

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DJ Anderson - 2000 - [crwr.utexas.edu](#)

... 5 Figure 3-1 TIN Elevation Data for US 77 in Castleman Creek Watershed.....22

Figure 3-2 Castleman Creek Stream Network ... **elevation** model (DEM). ...

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[Validation of AnnAGNPS at the Field and Farm-Scale Using an Integrated AGNPS/GIS System](#) - group of 2 »

GM Suir - 2002 - [etd.lsu.edu](#)

... This 1991 study used Digital Elevation Model (DEM) data, a contour-based AGNPS-C model, and a grid-based ... A sensitivity analysis showed that cell size and ...

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[3rd International congress on cardiac Doppler](#)

A Vieli - Heart and Vessels, 1987 - Springer

Page 1. BASIC AND TECICAL t PHYSICAL AND TECHNICAL PRINCIPLES AND 50ME PITFALLS OF COLOR-CODED DOPPLER FLOW MAPPING. Brennecke,R.,Mbhr ...

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[THE ADVANCED CHEMISTRY BASINS PROJECT](#) - group of 2 »

W Goddard, P Meulbroek, Y Tang, L Cathles III - 2004 - [osti.gov](#)

... redistributed. Note changes in sea level. Vertical axis is **elevation** in km; horizontal axis is distance along the section in km. Plots ...

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NL Jones, C Smemoe - emrl.byu.edu

... the overall process for defining a **flow vector** grid (Garbrecht ... and basin boundaries from an **elevation** grid. ... model includes a hydrograph from which **peak** flow and ...

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[METHODOLOGY OF A GRID-BASED HYDROLOGICAL MODEL AND ITS APPLICATION](#)

FEI YUAN, L REN - wrrc.dpri.kyoto-u.ac.jp

... the relative error of flood discharge **peak** value ... The Digital **Elevation** Drainage Network Model (DEDNM) developed ... 4] is adopted for **flow vector** designation, which ...

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[Maximizing spatial congruence of observed and DEM-delineated overland flow networks - group of 4 »](#)

TA Endreny, EF Wood - International Journal of Geographical Information Science, 2003 - Taylor & Francis

... In areas where the **flow vector** is along a ... bifurcation that was associated with **peak** spatial congruence. ... allocated flow into all neighbours lower in **elevation**. ...

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TA ENDRENY, EF WOOD - ingentaconnect.com

... In areas where the **flow vector** is along a ... bifurcation that was associated with **peak** spatial congruence. ... allocated flow into all neighbours lower in **elevation**. ...

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[One-and two-dimensional modelling of overland flow in semiarid shrubland, Jornada basin, New Mexico](#)

DA Howes, AD Abrahams, EB Pitman - Hydrol. Process, 2006 - doi.wiley.com

... algorithm takes as input a digital **elevation** model (DEM ... facets is taken as the **flow vector** for the ... model tends to overpredict observed **peak** discharges, whereas ...

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TA Cochrane - 1999 - agteca.com

... channels, and representative **slope** profiles from GIS maps was ... is usually represented by a digital **elevation** model (DEM ... each grid point is represented by a **cell** ...

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[NUMERICAL ERRORS IN GROUNDWATER AND OVERLAND FLOW MODELS](#)

L Engineer - sfwmd.gov

... b Manning's coefficient; S n water surface **slope** and s ... in which, § Q **flow vector** giving flow rate per unit ... point in its **path**, the solution may not propagate ...

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[A Multidisciplinary Study of Spatial and Temporal Scales Containing Information in Turbulent ... - group of 3 »](#)

MJ Weissburg, DB Dusenbery, H Ishida, J Janata, T ... - Environmental Fluid Mechanics, 2002 - Springer

... was chosen for these studies (ie, the **flow vector** was weighted ... Figure 7). The ratio of the **peak** concentration to ... of the entire blue crab search **path** (see also ...

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... Erosion time-series displayed a rapid transport **peak**, followed by decaying intensities until an Page 9. vi equilibrium state was reached. ...

[View as HTML](#) - [Web Search](#)

[Synthetic aperture radar interferometry - group of 4 »](#)

PA Rosen, S Hensley, IR Joughin, FK Li, SN Madsen, ... - Proceedings of the IEEE, 2000 - ieeexplore.ieee.org

... The sign of the differential **path** delay, or interferometric ... to a surface of constant **elevation**, , the flattened ... **Slope** depen- dence of the fringe frequency can ...

[Cited by 191](#) - [Web Search](#) - [BL Direct](#)

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DJ Anderson - 2000 - crwr.utexas.edu

... Longest Flow **Path** Grid .....104 ... The **peak** flows

associated ... **elevation** contour lines, or ...

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Radar interferometry and its application to changes in the Earth's surface - group of 8 »

D Massonnet, KL Feigl - Rev. Geophys, 1998 - ingv.it

... positioned with- out prior knowledge of its **elevation**. ... limit (1), even a mod- erate **slope** with the ... eliminated, most of the observed **path** difference corresponds ...

Cited by 265 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Glaciers of North America—GLACIERS OF CANADA - group of 2 »

GKC CLARKE, G HOLDSWORTH - pubs.usgs.gov

... Annotations: 1, Mount Logan (**elevation** 5,956 m), highest moun- tain in Canada; 2, Mount ... 2955–19285 and 2955–19292, band 7; 3 September 1977; **Path** 67, Rows ...

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From the Directors - group of 2 »

FDKJ Parker - ece.rochester.edu

... 200  $\mu$  s bursts of 1-MHz ultrasound (**peak** pressures: 4.8 ... was a further test of the "cell size hypoth ... to scale in relation to temperature **elevation** above the ...

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[book] Automatic Extraction of Vortex Core Lines and Other Line Type Features for Scientific Visualization - group of 3 »

M Roth - 2000 - inf.ethz.ch

... of a Valley Whose Valley Line is not a **Slope** Line.....96 ... an explicit list of cells, which enumerates the nodes that form the **cell**. ...

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Catchment hydrologic response with a fully distributed triangulated irregular network model - group of 8 »

VY Ivanov, ER Vivoni, RL Bras, D Entekhabi - WATER RESOURCES RESEARCH, 2004 - landresources.montana.edu

... TIN model from a raster-based digital **elevation** model (DEM ... The refer- ence system of a Voronoi **cell** is defined ... parallel to the plane of the maximum **slope** and n ...

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ADAPTIVE VIRTUAL ENVIRONMENTS IN MODERN MULTI-PLAYER COMPUTER GAMES

M Lanctot - 2005 - sable.mcgill.ca

... 4.10 The aura of reputation **flow vector** influence created by one ... 6.3 An example conversion of a **path** model ... concept is to take existing real **elevation** data and ...

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Integrating Hydrodynamic Models and High Resolution DEM (LIDAR) For Flood Modelling

A TamiruHaile - itc.nl

... 37 Figure 4-12: **Flow vector** when buildings are represented as a ... 57 Figure 5-27: **Elevation** contour mapfor 15 m DEM ... 61 Figure 5-37: **Slope** mapfor 5 m DEM resolution ...

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Good Practice Guide for Atmospheric Dispersion Modelling - group of 3 »

AD Modelling - mfe.govt.nz

... These include land-sea breezes, **slope**-valley flows and internal boundary layers (with associated fumigation effects), which may cause complex patterns of ...

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New Orleans, Louisiana - group of 4 »

USG Survey - All references to the survey are to the Collection held by ... - pubs.usgs.gov

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Model Studies OF Seismic Behavior OF Piles IN Sands

A Klar - 2003 - technion.ac.il

... In the **path** I took to the completion of this thesis I ... 8.1 Unit **cell** of the infinite pile group problem ... 8.14 **flow vector** at 7 seconds, n b x r f =8 , S/B=4,6.9,10 ...

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Sixth International Conference on Mars (2003) alpha\_bl-by. pdf

MA Blackmon, JR Murphy, MW Blair, EG Yukihiro, R ... - lpi.usra.edu

... TL studies. The TL glow curve of JSC Mars-1 shows a single broad **peak** between100 o C and 370 o C, with the maximum intensity at around 270 o C (11) . ...

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